

ALEXANDERI WESTONBIRT, RHS., FCC.

**SHAFFER'S**

**TROPICAL  
GARDENS**

INCORPORATED

P. O. BOX 368

CAPITOLA, CALIFORNIA

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★ FEB 27 1959 ★

U. S. Department of Agriculture



***Shaffer's***

***Orchids***

***1959***



## *Cymbidium Seedlings*

Size	Price per each	Price per 10	Price per 100
6" to 10" leaf length.....	\$2.00.....	\$17.50.....	\$150.00
12" to 18" leaf length.....	\$3.50.....	\$30.00.....	\$250.00
1 bulb and growth.....	\$6.00.....	\$55.00.....	\$500.00
2 bulbs and growths.....	\$10.00.....	\$90.00.....	\$800.00

### COLOR EXPECTANCY—GREEN AND LIGHT YELLOWS

#### **ALMERALDA (Esmeralda 'Dorothy' X Alexanderi 'Westonbirt' FCC., RHS.)**

Esmeralda 'Dorothy' is a green color of fairly large shape. Cross will give light yellow, some greens and some whites. Very nice flowers. 1 bulb and growth.

#### **CALIFORNIA (Alexanderi 'Westonbirt' FCC., RHS. X Blue Smoke 'Beverly Glen' C Bronze)**

The Blue Smoke used here is undoubtedly one of the finest greens seen to date and is a Bronze Medal winner. It has a fine lip and is a heavy bloomer. Will produce light to medium greens and yellows. 1 bulb and growth. 2 bulbs and growths.

#### **GWEN SHERMAN (Alexanderi 'Westonbirt' FCC. RHS. X Miretta 'Glendessary')**

This is a remake using Alexanderi 'Westonbirt' as the pod parent this time.  
1 bulb and growth. 2 bulbs and growth.

#### **JADE (Pearl 'Mastiff' X Alexanderi 'Westonbirt' FCC., RHS.)**

Another proven good cross and a strong grower. Clear pastel colors. Yellows, light greens and some whites. Sizes 2 bulbs and growths.

#### **MEM. GEORGE EVERETT (Oread X Alexanderi 'Westonbirt' FCC., RHS.)**

Oread is a very fine green similar to a good Claudona. It usually has twenty or more flowers nicely spaced on the spike. With Alexanderi 'Westonbirt' the cross should produce good shaped flowers in light green, some yellow and a few white or light creams.  
2 bulbs and growths.

#### **IAN STEWART (Alexanderi 'Westonbirt' FCC., RHS. X Claudona 'Raja' FCC., RHS.)**

Colors should be mainly yellows. Shape and substance excellent with many flowers per spike. If we were to pick only one cross in this section, this is it. Size 1 bulb and growth.

#### **PEARL (Grandiflorum X Alexanderi 'Westonbirt' FCC., RHS.)**

Light greens and yellows in this remake of a very fine cross using the Tetraploid form of Alexanderi. Sizes 1 bulb and growth. 2 bulbs and growths.

### COLOR EXPECTANCY—PINK AND ROSE

#### **ROSEMARY UPTON (Verona 'deep red' X Alexanderi 'Westonbirt' FCC., RHS.)**

Vigorous growth is already apparent and as in most triploids good size and uniformity of habit will result. We anticipate light and deep pinks with a few whites.  
1 bulb and growth. 2 bulbs and growths.

#### **BABYLON 'CARPENTIER' X MAYFAIR (RED)**

The predominating color here should be rose to red. Sizes 1 bulb and growth.

#### **CERES X BALKIS 'MONTECITO'**

This cross should produce many of the pastel shades tones which are so popular.  
1 bulb and growth.

#### **BRITA X PRINCE CHARLES 'EL RETIRO'**

Here again the color should be in the lighter shades with the possibility of some rose tones.  
1 bulb and growth.

#### **CLEO SHERMAN (Babylon 'Carpentier' X Alexanderi 'Westonbirt' FCC., RHS.)**

Two of the outstanding Tetraploid breeders of our time. Progeny will be mostly Tetraploid in pink and white. Many of stud quality should result.  
Sizes 12" - 18", 1 bulb and growth.

#### **ALEXANDERI 'WESTONBIRT' FCC. RHS., X INDIO 'TORCH'**

Light pinks and white are expected from this cross. Size 6" - 10"

#### **REDWOOD X RIO RITA 'RADIANT' FCC., RHS.**

An attempt to improve on the shape of Redwood for Christmas Pinks. Sizes 12" - 18".

# Cymbidium Seedlings

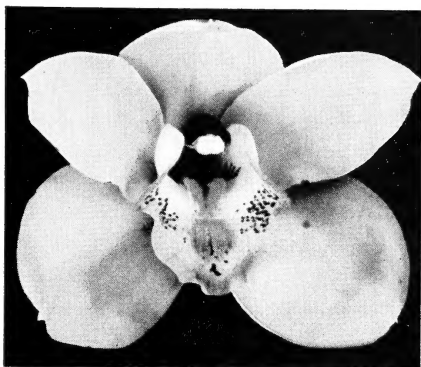
## PINK AND ROSE CONTINUED

**ALRITA (Alexanderi 'Westonbirt' FCC.,  
RHS., X Rio Rita 'Radiant' FCC., RHS.**

A remake of a very fine cross using the best parents on both sides. Sizes 6" - 10", 12" - 18".

**CHESHAM 'GREEN' VALLEY' X BABYLON  
'CASTLE HILL' FCC. RHS.**

Rose and dusty rose with some greens possible. Will be similar to a fine Tinsel Sizes 6" - 10", 12" - 18".



**Rosanna 'Pinkie' RHS., FCC.**

## COLOR EXPECTANCY—WHITE

**REDSTONE (Alexanderi 'Westonbirt' FCC., RHS. X Tanager)**

Tanager is Louis Sander X Flamingo 'Nobilior', a very fine white. This cross should produce many exceptionally fine whites as well as white flushed with pink. 1 bulb and growth. 2 bulbs and growths.

**CUMULUS (Dickinson's White X Alexanderi 'Westonbirt' FCC., RHS.)**

The pod parent is pure white concolor. The flowers are good size, and producing a large percentage of fine whites. Tall erect spikes with 15 or more flowers on first blooming. 1 bulb and growth, 2 bulbs and growths.

## COLOR EXPECTANCY—RED

**BETTY OTT (Doris Aurea X Clarissa 'Almyra')**

Two very fine reds were used in this cross. We feel that this is one of the best potentials for good dark reds, flowers for December and January. 2 bulbs and growths.

**MAYFAIR X RUANDA**

Possibilities of a great improvement on the shape of the present reds. Sizes 1 bulb and growth, 2 bulbs and growths.



We have divisions and back bulb propagations of many of the finest American and Australian Hybrid Cymbidiums. We will be happy to quote prices if you will drop us a line letting us know your wants.

## ROSANNA 'PINKIE' HYBRIDS

Size	Price each	Price Per 10
6" - 10" leaf length.....	\$3.50.....	\$30.00
12" - 18" leaf length.....	\$5.00.....	\$45.00

**BALKIS (Alexanderi 'Westonbirt' RHS., FCC. X Rosanna 'Pinkie' RHS., FCC.)**

A remake of one of the finest crosses ever made. Flower will be large and well shaped with white and light pink coloring. Sizes 6" - 10" 12" - 18".

**APOLLO 'EXBURY' RHS., FCC. X ROSANNA 'PINKIE' RHS., FCC.**

This could prove to be the best cross here. Apollo 'Exbury' has recently been used more and more and imparts to its seedling that deep red lip that is so outstanding. With Rosanna 'Pinkie' as the pollen parent we should have extra fine shape too. Expect white, very light greens and some flush pinks, Size 6" - 10".

**CONINGSBYANUM 'EXBURY' X ROSANNA 'PINKIE' RHS., FCC.**

When Coningsbyanum was used with Alexanderi 'Westonbirt' RHS., FCC., Cygnus was produced. Cygnus seedlings have received 16 awards since 1951. Now we have it crossed with Rosanna 'Pinkie' and feel that the seedlings will be even better. Expect whites and blush pinks. Size 6" - 10".

**CHIRBROOK 'MALIBU' X ROSANNA 'PINKIE' RHS., FCC.**

The Chirbrook used here was a buff pink with good flower production. Used with Rosanna 'Pinkie', we should get a great many fine blush pink with some whites. Shape and substance should be good. Size 6" - 10".



## Phalaenopsis Seedlings

Leaf Size	Price each	Price per 10
1 1/2"	\$ 1.25	\$ 11.50
2 1/2"	\$ 2.50	\$ 22.50
4"	\$ 6.00	\$ 55.00
6"	\$10.00	\$ 90.00
8"	\$15.00	\$125.00

### PINK

#### 38—PINK GLORIANA

A nice pink. Mature plants should have showers of blooms up to 100 on a spike, medium size. Sizes 6" and 8".

#### 40—GLORIANA

Nice round, compact, deep pink flower. Schilleriana type. Sizes 6" and 8".

#### 144—GRACE PALM 'O' X AALSMEER ROSE 'SELECT'.

Expect pink of medium size. Sizes 2 1/2" and 4".

#### 58-3—GRACE PALM 'GIGANTIC' X AALSMEER ROSE 'BLEEDING HEART'

Expect light pink. Sizes 1 1/2" and 2 1/2".

### WHITE

THE FOLLOWING CROSSES WILL BE AVAILABLE JUNE 1, 1959

#### CROSS NO. 229

**TOMMY TUCKER 'MONARCH' AM. AOS., SC, ODC. X GRACE PALM 'SANTA CRUZ AM. AOS, SC, ODC.**

This will be a very beautiful white, Both parents were awarded by the American Orchid Society and the Orchid Digest Corporation. Should produce long, arching sprays of overlapping white flowers, 4 1/2 to 5 inches across. Sizes 1 1/2" and 2 1/2".

#### CROSS NO. 57-30

**DOS PUEBLOS ( GRACE PALM 'SHADYCREST' X DORIS 'B')**

Two outstanding whites used here to make high quality market flowers. Sizes 1 1/2" and 2 1/2".

#### CROSS NO. 57-31

**CHIEF TUCKER NO. 2 X DORIS**

Both of these plants were large and overlapped of excellent quality. These seedlings will be three-quarters Doris, as Chief Tucker is half Doris. Should be an outstanding flower of heavy substance. Sizes 1 1/2" and 2 1/2".

#### CROSS NO. 57-33

**DORIS 'CAPITOLA' X DORIS 'BLYTH'**

These were two of the finest Dorises we have ever seen. They were 4 1/2 inches across of very round heavy substance, with a long spray of twenty-two flowers. If you are looking for stud Doris plants, they should come from this cross. Sizes 1 1/2" and 2 1/2".

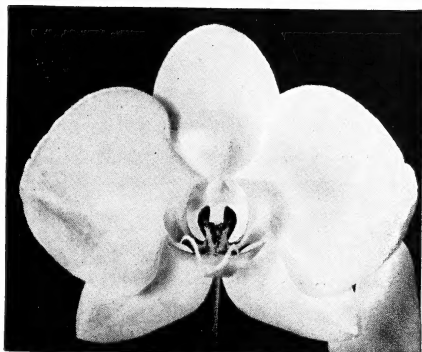
#### CROSS NO. 57-36

**DOS PUEBLOS (DORIS 'JEAN' X GRACE PALM 'GIGANTIC').**

Neither of these plants have ever been shown. The Doris 'Jean' is the finest we have in our collection. It was 4 3/4 inches across of very heavy substance and overlapped. We expect to show this during the coming year. Grace Palm 'Gigantic' was 5 1/2" inches, a round flower on an extremely long stem. This cross makes Dos Pueblos. Sizes 1 1/2" and 2 1/2".

# Phalaenopsis

## Seedlings



Grace Palm 'Santa Cruz' AOS., AM., ODC., SC.

- 76—RAMONA (TOMMY TUCKER  
'MONARCH' AM., AOS. & SC.,  
ODC. X MEM. NASU TOMAGUCHI  
NO. 1)

Has been producing large, round  
flowers of heavy substance.

Sizes 6" and 8".

- 88—DOLORES (CHIEF TUCKER NO. 3 X MEM. NASU TOMAGUCHI NO. 2)

Again fine breeding with Doris hybrids for finer quality from selected stock.  
Size 6".

- 93—FAIRWAY PARK (TOMMY TUCKER 'MONARCH' A. M., AOS. X WINGED VICTORY  
'ADMIRAL' BC., ODC.)

Tommy Tucker 'Monarch' was awarded a Silver Certificate in January 1956 with 84.5  
points. It also carries an AM., AOS. The other parent is Winged Victory 'Admiral'  
Bronze Certificate ODC. Size 2½".

- 94—BENITA (WINGED VICTORY 'ADMIRAL' BC., ODC. X MEM. NASU TOMAGUCHI NO. 2)

A very fine white of overlapping petals and large size expected.  
Sizes 5" and 6".

- 193—GRACE PALM

A remake using the same Winged Victory 'Cobra' that we used in No. 60 crossed  
with a considerably finer Doris than the one previously used. Should give some  
very fine flowers. Size 2½".

- 202—GRACE PALM NO. 5 X GRACE PALM NO. 2

We used two of our most outstanding No. 60's for this cross. Sizes 2½" and 4".

FLOWERING PLANTS SELECTED FOR EXTRA QUALITY \$25.00 TO \$150.00

## Unusual Phalaenopsis

- 147—Grace Palm No. 10 X Rosea

White with colored lip. Size 2½". \$2.50.

- 148—Grace Palm X Mannii

Yellow flowers. Size 2½". \$5.00.

- 196—Golden Louis (Doris X Mannii)

Yellow flowers. Size 2½". \$5.00.

- 216—Mem. Nasu Tomaguchi X Lueddemanniana 'Pulchra'

Should be heavy substance. With yellow or brown bars on sepals and petals, could  
be light yellow undertone on some. Size 2½". \$5.00 (Plants are small and grow  
slowly).

- 57-41—Amabilis X Stuartiana

Cross made in Formosa with two species. Lower sepals should be spotted. Substance  
will probably be only fair. Lots of flowers. Sizes 1½" at \$1.25.

# *Orchids in 500cc Flasks*

AVAILABLE SPRING 1959

Our 1959 Flask list has been included again in our catalog because so many people have asked about them. *Phalaenopsis* will be available about April 1st 1959 and will continue to be available until sold or planted out in June or July 1959.

May we suggest that if you are interested please forward a \$10.00 deposit for each flask desired.

Shipments are made in special boxes via Air Express, or Air Freight, F. O. B., Santa Cruz, California.

## *Phalaenopsis*

### 58-2—AALSMEER ROSE 'BLEEDING HEART' X DORIS 'CAPITOLA'

This is our finest dark pink on a very fine Doris. Pinks expected.

### 58-9—JUANITA 'SNOWBALL' X DORIS 'JEAN'

This is our best Juanita crossed on our finest Doris.

### 58-10—GRACE PALM 'GIGANTIC' (5½") X DORIS 'JEAN'

This remakes Dos Pueblos with outstanding parents.

### 58-18—GRACE PALM (DORIS 'JEAN' X WINGED VICTORY 'PURITY')

This has been the best known cross made in *Phalaenopsis* in last 10 years.

### 58-19—JUANITA

We are remaking this cross with superior parents to our original Juanita No. 75.  
Available June 1, 1959.

**\$35.00 PER FLASK**

**3 FLASKS FOR \$100.00**

## CYMBIDIUM PLANT INTRODUCTORY SPECIAL

ALEXANDERI 'WESTONBIRT' FCC., RHS., HYBRIDS—ASSORTED COLORS

All labeled—Bulb and Growth—4 years old

Shipped bare root out of beds—ready for 7" pots

**SPECIAL— 5 for \$22.50 —SPECIAL**

## FOR OUR FRIENDS OVERSEAS

If dollars are hard to get, we now can accept British Pounds for deposit to our account at the Bank of America, West End Branch, London W., England.

# *Cymbidium Flasks 500cc*

Our Spring 1959 Cymbidium Flasks have all been sold. We are therefore offering next Fall's crop in advance. These pods will be flaked in February and March, 1959 and will be ready for planting in the late Fall and Winter of 1959.

- 58-11—DORIS AUREA 'F. J. NOONAN' X RIO RITA 'RADIANT' RHS/FCC
- 58-12—DORIS AUREA 'F. J. NOONAN' X CRESTA 'AM'
- 58-24—ROSANNA 'PINKIE' RHS/FCC X BALKIS 'SILVER ORB' AOS/AM
- 58-26—BALKIS 'LUATH' NSW/AM X MIRETTA 'GLENDESSARY' C/BRONZE
- 58-27—HEATHROW 'MARY BEA' X ROSANNA 'PINKIE' RHS/FCC
- 58-28—MIRETTA 'GLENDESSARY' C/BRONZE X ROSANNA 'PINKIE' RHS/FCC
- 58-29—RIO RITA 'RADIANT' RHS/FCC X ROSANNA 'PINKIE' RHS/FCC
- 58-30—NICKY NO. 23 X ROSANNA 'PINKIE' RHS/FCC
- 58-33—DORIS AUREA 'F. J. NOONAN' X ROSANNA 'PINKIE' RHS/FCC
- 58-34—ROSANNA 'PINKIE' RHS/FCC X PEARL 'MAG.' RHS/FCC
- 58-35—BALKIS 'LUATH' NSW/AM X RIO PERFECTION
- 58-36—HEATHROW 'MARY BEA' X BALKIS 'LUATH' NSW/AM
- 58-37—BALKIS 'SILVER ORB' AOS/AM X PEARL 'MAG.' RHS/FCC
- 58-42—RIO RITA 'RADIANT' RHS/FCC X BALKIS 'SILVER ORB' AOS/AM
- 58-43—HEATHROW 'MARY BEA' X BALKIS 'SILVER ORB' AOS/AM
- 58-44—BALKIS 'SILVER ORB' AOS/AM X SELF
- 58-45—BALKIS 'LUATH' NSW/AM X BALKIS 'SILVER ORB' AOS/AM
- 58-49—BALKIS 'SILVER ORB' AOS/AM X APOLLO 'EXBURY' RHS/FCC
- 58-50—ALEXANDERI 'WESTONBIRT' RHS/FCC X BALKIS 'SILVER ORB' AOS/AM
- 58-52—APOLLO 'EXBURY' RHS/FCC X BALKIS 'LUATH' NSW/AM
- 58-54—ALEXANDERI 'WESTONBIRT' RHS/FCC X ROSANNA 'PINKIE' RHS/FCC
- 58-55—APOLLO 'EXBURY' RHS/FCC X ROSANNA 'PINKIE' RHS/FCC
- 58-57—DORIS AUREA 'F. J. NOONAN' X BALKIS 'SILVER ORB' AOS/AM
- 58-58—NICKY NO. 23 X BALKIS 'SILVER ORB' AOS/AM
- 58-68—BABYLON 'CASTLE HILL' RHS/FCC X BALKIS 'SILVER ORB' AOS/AM
- 58-69—ALEXANDERI 'WESTONBIRT' RHS/FCC X LOUIS SANDER
- 58-70—BALKIS 'SILVER ORB' AOS/AM X LOUIS SANDER
- 58-77—MIRETTA 'GLENDESSARY' C/BRONZE X ALEXANDERI 'WESTONBIRT' RHS/FCC
- 58-78—APOLLO 'EXBURY' RHS/FCC X BABYLON 'CASTLE HILL' RHS/FCC

**\$35.00 PER FLASK**

**3 FLASKS FOR \$100.00**

## **SHIPPING INSTRUCTIONS**

Packing is free of charge for all plants listed here. Prices F. O. B. Santa Cruz, California, in U. S. Dollars. In California, add 4% state sales tax.

In order to avoid unnecessary delays and misunderstandings, please specify clearly method of shipment. Otherwise, shipment will be made via Railway Express collect. We recommend that all shipments east of the Mississippi and to foreign countries, be made by Air.

California purchasers will be pleased to learn that their plants will not be delayed for inspection on arrival in any County in California except Ventura, and Tulare Counties, which are not yet in the "Pinto Tag" program. The "Pinto Tag" on your shipment certifies that our greenhouses have been California State inspected and certified clean.

# Orchid Spoonit

## FOR ORCHIDS IN FIR BARK



### ORCHID SPOONIT (30-10-10, PLUS CHELATED IRON)

A highly concentrated, soluble fertilizer for Orchids growing in Bark. Nitrogen is in three forms . . . Nitrate (3%) and Ammonic (3%), and Organic Nitrogen (24%) to assure long-lasting effect. Phosphoric Acid (10%) is in a completely soluble form, as is also potash. Potash (10%) is derived from Nitrate of Potash and is in a form that will assure a low Chlorine level. CHELATED IRON is in a form that will assure soluble iron regardless of pH of water supply.

ORCHID SPOONIT is quickly and completely soluble and is to be used only in solution . . . NOT IN DRY FORM. Use at rate of one teaspoonful to a gallon of water, or two cupfuls in 100 gallons of water EVERY 15 DAYS.

QUANTITY	PRICE	SALES TAX (Calif. only)	SHIPPING WEIGHT (For Postage)
1 lb.	\$1.25	.05	2 lbs.
2½ lb.	2.50	.10	3 lbs.
10 lbs.	8.00	.32	13 lbs.
25 lbs.	16.00	.64	27 lbs.

PLEASE ADD POSTAGE TO ORDER

## HYDROMIX Automatic Fertilizer



### The new invention that does Fertilizing Chores Automatically!

Here's the sensational new aid that has revolutionized Fertilizing. The HYDROMIX AUTOMATIC FERTILIZER attaches to ANY faucet, hose or sprinkler system in one simple, 30 second operation. Then all you do is let this amazing invention handle your Fertilizing chores for you safely, quickly, **Automatically**. Made from strong, durable plastic and reinforced with a brass hose connector—the HYDROMIX AUTOMATIC FERTILIZER is especially designed for use with soluble orchid fertilizers. It mixes scientifically and accurately one part of concentrated chemicals to 100 parts of water—under any average water pressure—without danger of feedback.

The HYDROMIX AUTOMATIC FERTILIZER works with any hose nozzle, sprinkler or plastic soaker and may be attached at the house water faucet, between lengths of hose or at the end of the hose. When used with HYDROMIX insecticides it's practically as good as a power sprayer.

HYDROMIX AUTOMATIC FERTILIZER—\$3.95 each

CALIFORNIA FIR BARK—Two cubic foot sacks \$2.00 F.O.B. Santa Cruz

SHIPPING WEIGHT 45 LBS.

# SHAFFER'S

TROPICAL GARDENS, INC.  
1220 41st Avenue Santa Cruz, California  
Mailing Address  
P. O. Box 368 Capitola, California